

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/001211

Box No. I

Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following _____
which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1, 6-14 _____ as originally filed/furnished
- pages* 2-5 _____ received by this Authority on 30.11.2005
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-4 _____ received by this Authority on 30.11.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets Fig. 1-9 _____ as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (specify): _____
- ☐ any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims <u>1-4</u>	YES
	Claims _____	NO
Inventive step (IS)	Claims _____	YES
	Claims <u>1-4</u>	NO
Industrial applicability (IA)	Claims <u>1-4</u>	YES
	Claims _____	NO

2. Citations and explanations (Rule 70.7)

Document 1: JP 9-179726 A (NEC Corporation), 11 July 1997, entire text; all drawings & EP 782069 A1

Document 2: JP 11-234096 A (Fujitsu Limited), 27 August 1999, entire text; all drawings & EP 938192 A2 & US 6275520 B1

Document 3: JP 61-141231 A (Sony Corporation), 28 June 1986, entire text; all drawings (Family: none)

Document 4: JP 2001-274787 A (Victor Company of Japan, Ltd.), 5 October 2001, entire text; all drawings (Family: none)

Document 5: JP 2001-274786 A (Victor Company of Japan, Ltd.), 5 October 2001, entire text; all drawings & EP 1119131 A2 & US 6975730 B1

Document 6: JP 2-43594 A (Matsushita Electric Industrial Co., Ltd.), 14 February 1990, entire text; all drawings (Family: none)

Claims 1 to 4

The inventions set forth in claims 1 to 4 do not involve an inventive step in the light of documents 1 to 3 cited in the international search report and newly

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cited documents 4 to 6.

Document 3 indicates that a characteristic polynomial is specified by a predetermined identification symbol, documents 4 and 5 indicate that communication of initial data is carried out, and document 6 indicates that a characteristic polynomial of each LFSR having output subjected to a logic operation comprises a primitive polynomial which is a type of characteristic polynomial, and it would be easy for a person skilled in the art to employ said mechanism to a known random number generator such as that set forth in document 1 or 2.